

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014023.D
 Acq On : 11 Dec 2019 20:22
 Operator : SY/MD
 Sample : K6253-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	746327	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	711382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	274511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194857	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.28%
7) Chloroethane-d5	1.56	69	205443	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	315782	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.16%
21) 2-Butanone-d5	3.92	46	294844	97.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.05%
24) Chloroform-d	4.39	84	442266	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.07	65	280785	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
32) Benzene-d6	5.09	84	902109	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.11	67	286632	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.36	98	764528	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%
43) trans-1,3-Dichloropropene-	7.66	79	113482	42.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.30%
47) 2-Hexanone-d5	8.13	63	160175	77.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	341825	42.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	284458	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

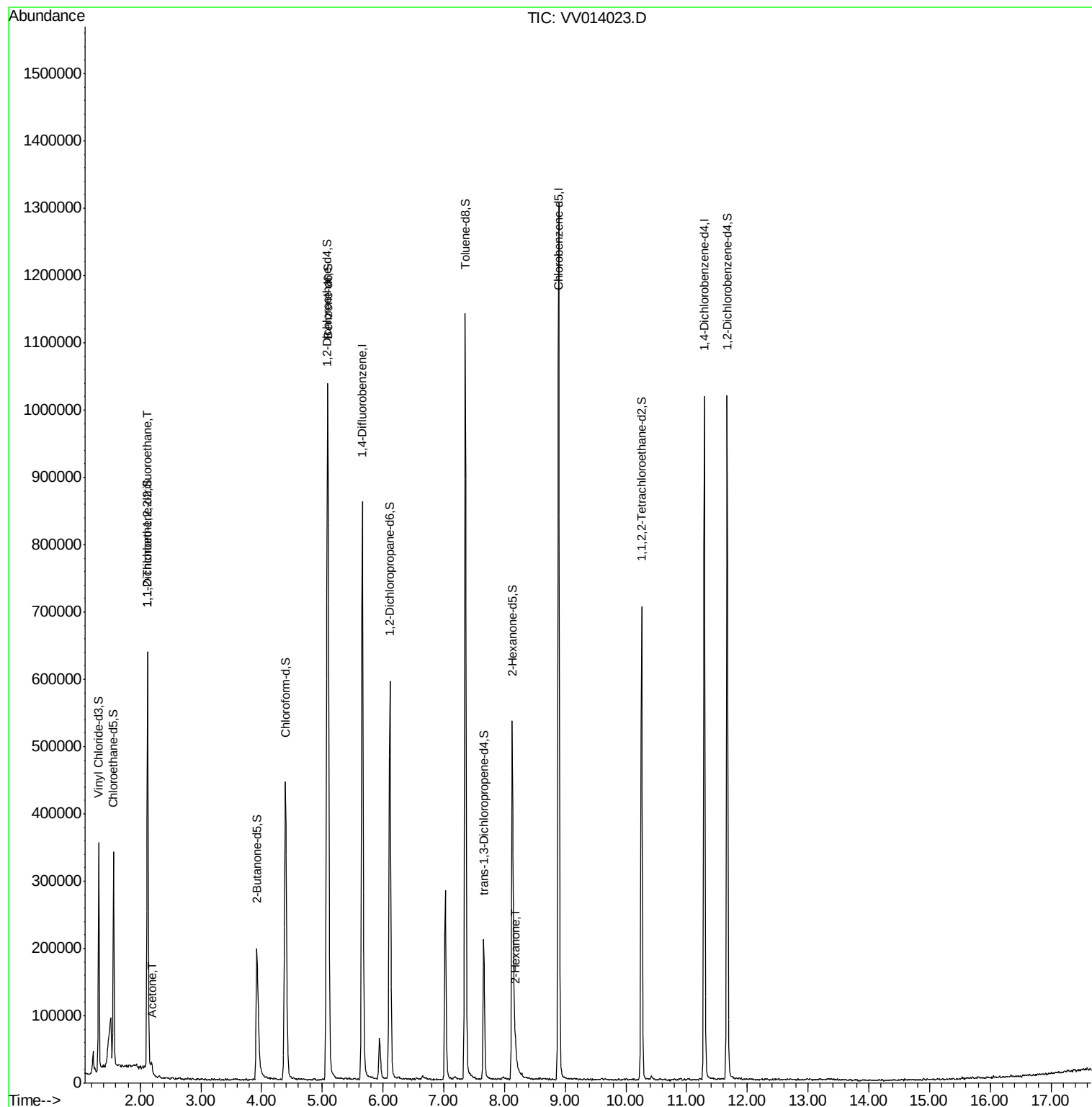
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3901	0.695 ug/L #	17
13) Acetone	2.19	43	7136	1.603 ug/L	88
48) 2-Hexanone	8.18	43	14242	2.670 ug/L #	87

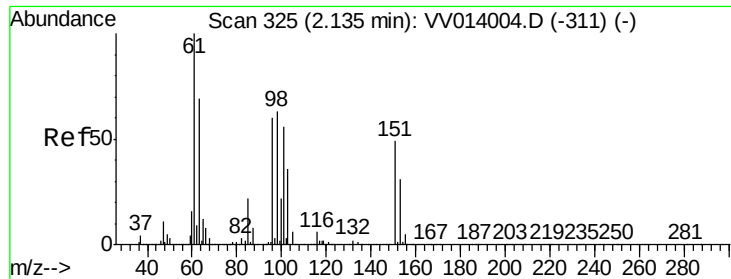
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.695 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV014023.D

Acq: 11 Dec 2019 20:22

Instrument :

MSVOA_V

ClientSampleId :

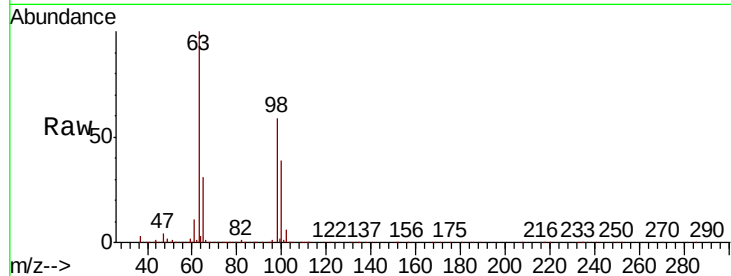
Tot Ion:101 Resp: 3901

Ion Ratio Lower Upper

101 100

85 0.7 32.5 48.7#

151 2.8 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): VV014023.D (-232) (-)

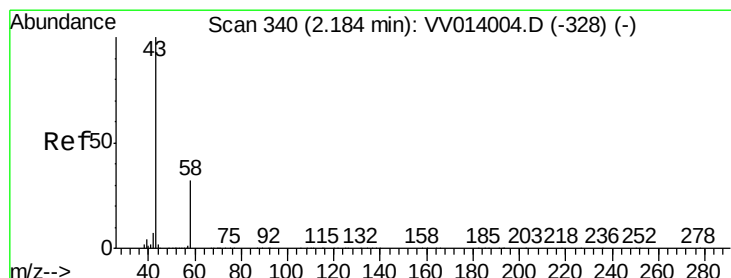
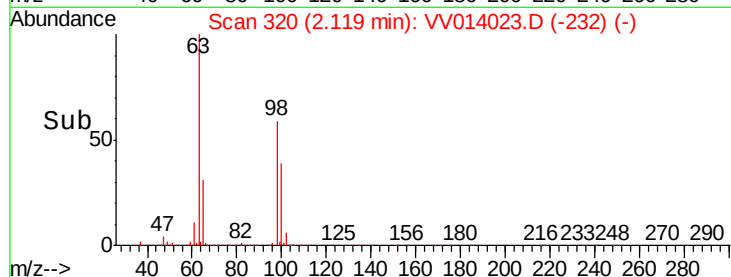
Ion 85.00 (84.70 to 85.70): VV014023.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV014023.D (-232) (-)

2.12

2.10 2.15

Time-->



#13

Acetone

Concen: 1.603 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014023.D

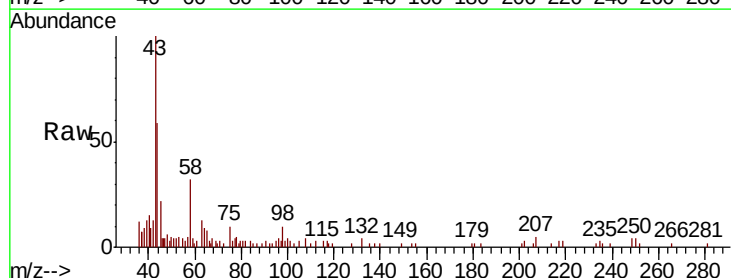
Acq: 11 Dec 2019 20:22

Tgt Ion: 43 Resp: 7136

Ion Ratio Lower Upper

43 100

58 36.9 0.0 60.8



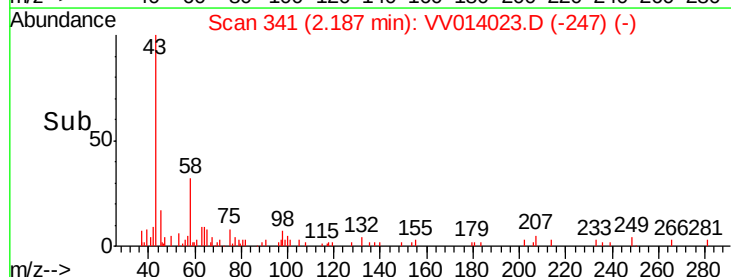
Abundance Ion 43.00 (42.70 to 43.70): VV014023.D (-247) (-)

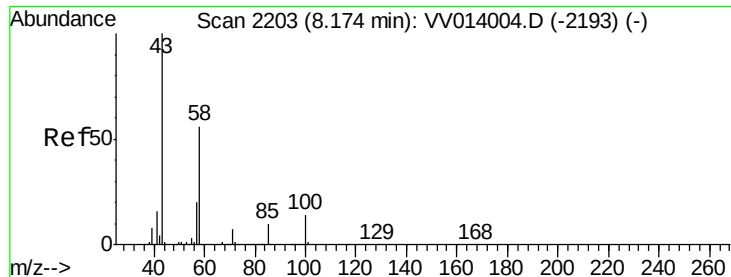
Ion 58.00 (57.70 to 58.70): VV014023.D (-247) (-)

2.19

2.15 2.20

Time-->





#48

2-Hexanone

Concen: 2.670 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VV014023.D

Acq: 11 Dec 2019 20:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14242

Ion Ratio Lower Upper

43 100

58 65.6 48.4 72.6

57 3.3 16.6 24.8#

100 12.2 11.9 17.9

